

Product datasheet for SC304554

EBLN2 (NM_018029) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EBLN2 (NM_018029) Human Untagged Clone
Tag:	Tag Free
Symbol:	EBLN2
Synonyms:	EBLN-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304554 representing NM_018029. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGTTATTTCTAAATTGTATGCTTATGTTAATTCTCACAGTCTTTTTGTTGGGTCTGTGACAGA
TCTTACAAAAGATCTTTAGACCTATGATTCTTAACAAAATTAAGAATTAAGTCGGAACCAATTTTCC
ACAATGTCTCATCTAAGAAAGGACTCACAGCCAGCAGCCAGGAGATGACGCAATGGACAGGAGTGGG
CTCCCTGACCTTCAAGGAAGATTTGAGCTATCTGGGAAAACAGACAGTATCCACTGGATGCATTGGAA
CCCCAACCCAGCATTGGGGATATTAAGGACATTAAGGAGCAGCAAGTCTATGCTAGACCCAGCACAT
AAATCTCATTTCCACCCTGTGACCCCAAGTTTAGTATTCTTGTGTTTCATATTTGATGGGTTACACCAG
GCATTACTGAGTGTTGGTGTGAGCAAGAGGTCTAATACTGTGGTTGGGAATGAGAACGAGGAAAGGGT
ACTCCTTATGCTAGCAGATTCAAAGATATGCCTAACTTTATTGCCCTTGAGAAGTCATCAGTTCTCCGC
CACTGCTGTGACCTTTTATAGGCATTGCGGCTGGATCAAGTGATAAGATTTGCACCAGCAGTCTCCAA
GTTGAGAGCATTCAAGGCAATGATGGCATCTATTGGAAGACTTTCACATGGTGAGAGTGCTGATCTG
CTAATCAGCTGCAATGCAGAATCAGCCATAGGTTGGATCAGCTCAAGACCATGGGTTGGAGAATTAATG
TTCACACTTCTATTTGGAGACTTGAATCCCCTACACAAGCTACGCAAGTCAAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_018029
Insert Size:	819 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_018029.4
RefSeq Size:	1679 bp
RefSeq ORF:	819 bp
Locus ID:	55096
UniProt ID:	Q6P2I7
Cytogenetics:	3p13
MW:	30.5 kDa
Gene Summary:	May act as an RNA-binding protein. The C-terminal region is highly homologous to the bornavirus nucleocapsid N protein that binds viral RNA and oligomerizes. The viral protein also possesses a nuclear import and a nuclear export signal. These 2 signals seem absent in EBLN-2 supporting an unrelated function in Human.[UniProtKB/Swiss-Prot Function]